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DATE: Thursday, June 23, 2005

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File: DWPI

May 15, 1997

DERWENT-ACC-NO: 1997-281272

DERWENT-WEEK: 199737

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TITLE: Selective advertising procedure for radio broadcast systems for targetting specific audience groups - downloading user profile to population of receiving devices for characterising user based on demographic or psychographic criteria, and receiver outputs only advertising information which matches profile

PF Application Date (1):

19961105

PF Application Date (2):

19961105

Standard Title Terms (1):

SELECT ADVERTISE PROCEDURE RADIO BROADCAST SYSTEM TARGET SPECIFIC AUDIENCE GROUP
USER PROFILE POPULATION RECEIVE DEVICE CHARACTERISTIC USER BASED CRITERIA RECEIVE
OUTPUT ADVERTISE INFORMATION MATCH PROFILE

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L6: Entry 4 of 45

File: USPT

Sep 18, 2001

DOCUMENT-IDENTIFIER: US 6292835 B1

TITLE: Network bandwidth and object obsolescence sensitive scheduling method and apparatus for objects distributed broadcasting

Application Filing Date (1):
19971126

Brief Summary Text (14):

Traditionally, object retrieval on the web is based on pull technology. In this approach, a web user retrieves a web object by clicking an icon or a hyperlink through a web browser, which then establishes a network connection to a web content provider and proceeds to download and display the requested object. If the requested information is retrieved through a slow network, a noticeable latency may occur at the user end. To avoid the long wait for pulling the requested documents, an alternative is to have the server push the information to the users based on pre-specified user preferences or profiles as soon as relevant information becomes available. The users therefore receive the requested information without having to wait. Currently, most push technologies are based on background pull where a software application, executing on behalf of the user, periodically pulls the requested objects in the background.

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L6: Entry 6 of 45

File: USPT

May 22, 2001

DOCUMENT-IDENTIFIER: US 6236991 B1

TITLE: Method and system for providing access for categorized information from online internet and intranet sources

Application Filing Date (1):
19971126

Brief Summary Text (13):

These and other objectives are realized by the present invention which provides a system for collecting and categorizing metadata about content provided via the internet or intranet; for gathering user interest information and creating a user profile for matching to collected and categorized content information; and for matching and delivering categorized information tailored to customized user profiles.

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L6: Entry 7 of 45

File: USPT

Feb 6, 2001

DOCUMENT-IDENTIFIER: US 6185532 B1

TITLE: Digital broadcast system with selection of items at each receiver via individual user profiles and voice readout of selected itemsApplication Filing Date (1):19960111

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L6: Entry 10 of 45

File: USPT

Dec 5, 2000

DOCUMENT-IDENTIFIER: US 6157924 A

TITLE: Systems, methods, and computer program products for delivering information in a preferred medium

Abstract Text (1):

Methods, systems and computer program products for delivering information to a user in one or more preferred delivery media are provided. Preferred delivery media includes, but is not limited to, e-mail, HTML, fax, printed copy, and mail. A user profile, indicating a user's preferred delivery medium (or media), is retrievably stored. When a user requests information, the user's profile is searched to determine the preferred delivery medium (or media) within which to deliver the requested information to the user. The requested information is retrieved, formatted for the preferred delivery medium, and then delivered to the user in the preferred medium. If the information is delivered to a user in multiple media, a consistent format among the various delivery media is maintained. The integrity of information delivered to a user is also verifiable, regardless of the delivery medium.

Application Filing Date (1):

19971107

Brief Summary Text (16):

When a user request for information is received, the user's stored profile is searched to determine the preferred delivery medium (or media) within which to deliver the requested information to the user. Alternatively, a user may specify a preferred delivery medium in the request for information. Regardless of how the preferred delivery medium is determined, the requested information is then retrieved and formatted according to the preferred delivery medium. If the preferred delivery medium is e-mail, the retrieved information is formatted as an e-mail message and delivered to the user as an e-mail message. If the preferred delivery medium is HTML, the retrieved information is formatted as an HTML (or other browser readable) document and delivered to the user as an HTML document. If the preferred delivery medium is fax, the retrieved information is formatted as a fax document and "faxed" to the user. If the preferred delivery medium is printed copy, the retrieved information is formatted as a printed document and printed on a printer accessible by the user. If the preferred delivery medium is mail, the retrieved information is formatted as a paper document and mailed to the user.

CLAIMS:

1. A method for delivering information to a user comprising the following steps that are performed in a data processing system:

storing a user profile indicating a user preferred delivery medium including e-mail, html, fax, printed copy, and mail;

in response to a user request for information, determining from the stored user profile a preferred delivery medium for delivering the requested information to the user, wherein the user preferred delivery medium is determined from the stored user

profile independent of a format associated with the user request;

in response to the user request for information, retrieving the requested information;

if the preferred delivery medium indicated in the stored user profile is e-mail, formatting the retrieved information as an e-mail message and delivering the e-mail message from the data processing system to a user data processing system in communication with the data processing system;

if the preferred delivery medium indicated in the stored user profile is HTML, formatting the retrieved information as an HTML document and delivering the HTML document from the data processing system to a user data processing system in communication with the data processing system;

if the preferred delivery medium indicated in the stored user profile is fax, formatting the retrieved information as a fax document and delivering the fax document from the data processing system to a user facsimile machine in communication with the data processing system;

if the preferred delivery medium indicated in the stored user profile is printed copy, formatting the retrieved information as a printed document and delivering the printed copy from the data processing system to a user printer in communication with the data processing system; and

if the preferred delivery medium indicated in the stored user profile is mail, formatting the retrieved information as a paper document and mailing the paper document to the user.

12. A method for delivering information to a user comprising the following steps that are performed in a data processing system:

storing a user profile indicating a user preferred delivery medium including e-mail, html, fax, printed copy, and mail;

in response to a user request for information, determining from the stored user profile a preferred delivery medium for delivering the requested information to the user, wherein the user preferred delivery medium is determined from the stored user profile independent of a format associated with the user request;

in response to the user request for information, retrieving the requested information;

if the preferred delivery medium indicated in the stored user profile is e-mail, formatting the retrieved information as an e-mail message and delivering the e-mail message from the data processing system to a user data processing system in communication with the data processing system;

if the preferred delivery medium indicated in the stored user profile is HTML, formatting the retrieved information as an HTML document and delivering the HTML document from the data processing system to a user data processing system in communication with the data processing system;

if the preferred delivery medium indicated in the stored user profile is fax, formatting the retrieved information as a fax document and delivering the fax document from the data processing system to a user facsimile machine in communication with the data processing system;

if the preferred delivery medium indicated in the stored user profile is printed copy, formatting the retrieved information as a printed document and delivering the

printed copy from the data processing system to a user printer in communication with the data processing system;

if the preferred delivery medium indicated in the stored user profile is mail, the following steps are performed:

formatting the retrieved information as a paper document;

printing the retrieved information as a paper document;

inserting the printed document into an envelope via a mail inserting device; and

delivering the envelope containing the printed document to the user via a postal service; and

verifying that the retrieved information is delivered to the user in its entirety.

16. A data processing system for delivering information to a user, comprising:

means for storing a user profile indicating a user preferred delivery medium including e-mail, html, fax, printed copy, and mail;

means, responsive to a user request for information, for determining from the stored user profile a preferred delivery medium for delivering the requested information to the user, wherein the user preferred delivery medium is determined from the stored user profile independent of a format associated with the user request;

means, responsive to the user request for information, for retrieving the requested information;

means for formatting the retrieved information as an e-mail message and delivering the e-mail message from the data processing system to a user data processing system in communication with the data processing system;

means for formatting the retrieved information as an HTML document and delivering the HTML document from the data processing system to a user data processing system in communication with the data processing system;

means for formatting the retrieved information as a fax document and delivering the fax document from the data processing system to a user facsimile machine in communication with the data processing system;

means for formatting the retrieved information as a printed document and delivering the printed document from the data processing system to a user printer in communication with the data processing system; and

means for formatting the retrieved information as a paper document and mailing the paper document to the user.

27. A computer program product for delivering information to a user, comprising:

a computer usable medium having computer readable program code means embodied in said medium for storing a user profile indicating a user preferred delivery medium including e-mail, html, fax, printed copy, and mail;

computer readable program code means embodied in said medium, responsive to a user request for information, for determining from the stored user profile a preferred delivery medium for delivering the requested information to the user, wherein the user preferred delivery medium is determined from the stored user profile

independent of a format associated with the user request;

computer readable program code means embodied in said medium, responsive to the user request for information, for retrieving the requested information;

computer readable program code means embodied in said medium for formatting the retrieved information as an e-mail message and delivering the e-mail message from the data processing system to a user data processing system in communication with the data processing system;

computer readable program code means embodied in said medium for formatting the retrieved information as an HTML document and delivering the HTML document from the data processing system to a user data processing system in communication with the data processing system;

computer readable program code means embodied in said medium for formatting the retrieved information as a fax document and delivering the fax document from the data processing system to a user facsimile machine in communication with the data processing system;

computer readable program code means embodied in said medium for formatting the retrieved information as a printed document and delivering the printed document from the data processing system to a user printer in communication with the data processing system; and

computer readable program code means embodied in said medium for formatting the retrieved information as a paper document and mailing the paper document to the user.

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L6: Entry 12 of 45

File: USPT

May 16, 2000

DOCUMENT-IDENTIFIER: US 6065058 A

TITLE: Dynamic push filtering based on information exchanged among nodes in a proxy hierarchy

Application Filing Date (1):19970509Brief Summary Text (28):

The rapid increase in popularity of the World Wide Web (WWW or web) has led to a corresponding increase in the amount of traffic over the Internet. As a result, the web has become a primary bottleneck on network performance. When documents or information are requested by a user who is connected to a server via a slow network link, there can be noticeable latency at the user end. To avoid the long wait for "pulling" the requested documents, an alternative is to have the content provider "push" the documents to the users based on pre-specified user preferences or profiles as soon as relevant documents become available.

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L6: Entry 14 of 45

File: USPT

Dec 28, 1999

DOCUMENT-IDENTIFIER: US 6009410 A

TITLE: Method and system for presenting customized advertising to a user on the world wide web

Application Filing Date (1):
19971016

Detailed Description Text (8):

As described hereinabove, when the user enters the commercial mode by clicking on the icon on his browser or by inputting the URL address of the HTTP server 110, the CAR server 111 then dynamically configures a composite HTML-formatted advertising page for that user and delivers it over the Internet 103 to the user's client terminal 101. As an alternative, such composite advertising pages can be configured before the user enters the commercial mode and, using "push" technology, transmitted over the Internet to client terminal 101 for storage within a cache to be immediately ready for display to that user as soon as he or she enters the commercial mode. This can be arranged for either the non-context dependent embodiment or the context dependent arrangement described above. For the latter, the browser program in client terminal 101 periodically sends to HTTP server 110 the URL addresses of the sites accessed by the user through the browser program. Based on some sub-set of those sites and/or the user's profile, CAR server 111 dynamically configures a composite page, and pushes it to the browser program where it is cached for later retrieval by the user when he or she enters the commercial mode. As a further extension, the CAR server 111 can dynamically configure a plurality of different composite pages for the user, which are each pushed over the Internet to the user's client terminal where each is cached for later retrieval by the user.

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L6: Entry 36 of 45

File: EPAB

May 6, 1999

DOCUMENT-IDENTIFIER: EP 913974 A1

TITLE: Method to create a send planning for multimedia data

Abstract Text (1):

CHG DATE=19990902 STATUS=O> The method involves creating a database (6) containing multimedia objects (1, 20, 3) for transmission by broadcast channel. A transmission schedule (8) is created, including a list of multimedia objects selected from the database and transmission criteria (81) connected with the multimedia objects. The potential transmission criteria enable a time controlled transmission of objects, or a transmission based on random events. Independent claims are included for a transmission method for multimedia data, a programmable device, and a data memory.

Application Date (1):

19971031

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